Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Wednesday 27 Dec 2023 until 23:59 on Thursday 28 Dec 2023

Forecast Issued on Tuesday 26 Dec 2023 at 17:14 by Met Office Aberdeen

Confidence: High for Wednesday, although some uncertainty in the timing of the rise in freezing levels in the afternoon. High for changeable weather to continue into the weekend.

Headline for Wednesday 27 Dec 2023: Stormy with widespread heavy snow, drier later.

Mountain weather hazards on Wednesday 27 Dec 2023

Blizzards High Likelihood	**Heavy persistent snow** High Likelihood	**Storm force winds** High Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy snow	Heavy snow	Heavy snow	Sleet	Sleet	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	50%	>95%	>95%	>95%	30%	30%	30%

Forecast for Wednesday 27 Dec 2023

Weather: Widespread heavy snow will develop by mid-morning this lasting until mid-afternoon. Snow will turn to rain as it clears away, with some showers of rain, sleet and snow following on behind from mid-afternoon afternoon and evening. Very treacherous conditions expected widely with gusty winds across all upland areas.

Chance of cloud-free hill tops above 800m: Little chance for much of the day. Low cloud will clear from the southwest in the evening.

Low Cloud and visibility: Whiteout conditions expected in snow for much of the day with extensive cloud down to 400 metres. Markedly improving as cloud clears in the evening but some mistiness still likely.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 27 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	26/32 SE	39/46 SE	49/60 SE	64/78 SE	67/82 SE	26/33 SE	39/47 SW	39/47 SW	28/34 SW
900	14/20 SE	26/34 SE	35/47 SE	45/59 SE	46/61 SE	18/26 SE	26/34 SW	26/35 SW	20/27 SW
600	7/15 SE	15/26 SE	24/41 SE	29/49 SE	32/53 SE	10/19 SE	19/34 SW	19/34 W	12/23 SW
300	3/7 E	7/17 E	16/34 E	20/42 E	20/41 E	11/21 E	7/21 W	7/21 W	4/10 SW
Glen	4/10 E	8/19 E	15/32 E	18/38 E	19/40 E	13/25 E	8/23 W	10/22 W	5/10 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-4/-13	-4/-14	-4/-15	-2/-14	-2/-14	-0/-7	-1/-10	-3/-12	-3/-11
900	-3/-10	-2/-11	-2/-11	-1/-11	-1/-11	1/-5	-0/-7	-1/-9	-1/-8
600	-2/-6	-1/-7	-0/-8	-0/-8	-0/-9	2/-2	2/-4	1/-5	1/-4
300	-1/-3	0/-3	2/-4	1/-6	0/-6	2/-2	2/-2	2/-1	0/-2
Glen	0/-2	1/-3	3/-2	1/-5	0/-6	3/-2	2/-1	3/-1	2/-0
Freezing Level*	200m	300m	500m	400m	400m	1000m	900m	700m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

A very treacherous day across all ranges with heavy, drifting snow and storm force winds. Speeds may reach 100 mph or so across the higher Cairngorm summits for a time. A thaw of lying snow is likely for a time in the afternoon as freezing levels start to rise, so burns and paths at lower levels may see some flooding. Freezing levels may rise to 1200 to 1500 metres in the afternoon before dropping back to 800 metres in the evening.

Forecast for Thursday 28 Dec 2023

Weather: Mostly cloudy with some showers or longer spells of rain, with snow above 700 metres or so. Turning drier from the north in the evening. Cold summit winds.

Maximum wind: Southerly 25 mph with gusts to 35 mph

Chance of cloud-free hill tops above 800m: 40%, best chance in the morning in the north of the area

Low Cloud and visibility: Very good outside of cloud and precipitation. Areas of cloud between 600 and 900 metres, this most extensive in the afternoon.

Temperature: **Glens:** Minus 1 rising to 4 Celsius
At 800m: Plus 1 Celsius
Freezing level: 900 metres

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.